



Docket No. 1363-010

Patent

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

BART DAHNEKE et al.

Serial No.: 10/073,571

Filed: February 11, 2002

For: METHOD AND APPARATUS FOR MAINTAINING PERIPHERAL  
DEVICE SUPPORT INFORMATION

Examiner: Chen, Alan S.

Group Art Unit: 2182

**AFFIDAVIT UNDER 37 CFR § 1.131**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

We, Bart Dahneke, Ted W. Tronson, and Michael J. Cowley, do hereby declare and say:

1. That we are named co-inventors in the above-identified patent application.
2. That we are familiar with the prosecution of this application, and understand that claims 1-26 are pending, and 1-9 and 12-26 stand rejected under 35 U.S.C. Section 102(e) as anticipated by U.S. Patent Publication No. 2002/0174206 to Moyer et al. (hereinafter "Moyer").
3. That Moyer was filed on May 21, 2001 and published on November 21, 2002, and that the Moyer reference relates to a "web-based file manipulating system." *Moyer title*.

4. That prior to May 21, 2001, the effective filing date of Moyer, the invention described and claimed in the pending application was completed by us and/or under our direction in the United States.

5. That prior to May 21, 2001, we completed or had completed under our direction: a) on a computing device, the maintenance of support information of a peripheral device, such as a driver of a printer, including the installation of the driver and monitoring for events related to end of persistence, such as a monitoring for the elapsing of a particular time or date, and automatically removing the driver from the computing device based upon the detection of the end of persistence, and further doing so without regard to any network or other connections of the computing device; and b) maintaining the support information in a map-based context, such as by way of representations of physical locations of the peripheral device in relation to areas encompassing the physical location of the peripheral device; which establishes conception and reduction to practice of the invention claimed in this application and that such conception and reduction to practice is evidenced by the Exhibits A, B and C, wherein they include:

A. An invention disclosure, with various dates and name information redacted, submitted to the Novell, Inc. (Assignee of the entire right, title and interest) invention disclosure committee, whereby the title and attendant written description indicates, among other things, the map-based or physical location implementation of the invention as

representatively found in claims 8-16;

B. An email, with various dates and name information redacted, submitting the invention disclosure of Exhibit A to the Novell, Inc. invention disclosure committee, and including the description of Exhibit A; and

C. A partial log (labeled PVCS), with various dates redacted and entries entered under the name of "owner" and "author id: ttronson," of ongoing source code implementing the invention in a software computer product, including revisions labeled Rev 1.17, 1.18 and 1.29, whereby:

1) the author and owner identification "ttronson" is the named inventor Ted W. Tronson;

2) the monitoring for end of persistence and fully automatically removing support information of a peripheral device, such as a driver for a printer, regardless of networked connections is given in the revisions in shorthand notation identified as "plugin features - volatile, ws/user,listjobs, holdjobs;" "listInstalledprinters, remove printer;" and "added prtref designator for volatile-date-time;"

3) the notation "installedprinters, remove printer" relates to installation and removal of the support information of a peripheral device, such as a printer driver;

4) the notation "volatile" relates to removal of the support information of a peripheral device; and

5) the notation "volatile-date-time" relates to removal of the support information of a peripheral device based upon an event relating to end of persistence, such as the "date" or "time."

6. That Exhibits A, B and C individually and/or collectively indicate conception and reduction to practice of the present invention prior to the effective date of Moyer.

7. The undersigned further declares that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further than these statements were made with the knowledge that willful false statements and the like so made and punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing therefrom.

8. That inventor Victor H. Parra is no longer an employee of Novell, Inc. and remains fairly unavailable to Novell, Inc. for ongoing matters, but that the Manual of Patent Examining Procedures (MPEP) §715.04 allows for the affidavit to be submitted in less than all the named inventors and is acceptable according to the following:

*"Further, where it is shown that a joint inventor is deceased, refuses to sign, or is otherwise unavailable, the signatures of the remaining joint inventors are sufficient."*

*Emphasis added, MPEP § 715.04.*

Application Serial No. 10/073,571  
Affidavit Under 37 CFR 1.131  
Reply to Final Office Action dated April 20, 2006

5-23-06  
Date

B Dahneke  
Bart Dahneke

23 May, 06  
Date

Ted Wayne Tronson  
Ted Wayne Tronson

May 23, 2006  
Date

Michael J. Cowley  
Michael J. Cowley



IDP-544  
rec'd

## NOVELL PATENT PROGRAM INVENTION DISCLOSURE

EXHIBIT A  
Page 1 of 2

It's simple. Answer the following five questions and you get \$75 and a patent shirt! E-mail your completed form and any attachments to PATENT PROGRAM. You'll hear from us within a couple of days. If you don't, something went wrong and you should call Paula Lindsay at 1-4516 to straighten it out.

Novell's Inventions Committee looks forward to reviewing ALL submitted invention disclosures and plans to review yours at our meeting in the middle of next month. If you plan to publicly disclose the invention before then, please call Paula and she'll move it up in the queue. Thank you for helping to protect Novell's intellectual property!

For more information on how the Patent Program works and to pick out the Novell Patent shirt that you want, see our website on the Innerweb!

1. What's the name of your invention?

### MAP BASED/BROWSER BASED PRINTER INSTALATION

2. Who has been involved in creating the invention and what did they contribute? What group are they in and who is their manager (this info is required for us to issue bonuses - BTW, the bonuses are after taxes!!!).

Bart Dahneke - design work, implemented browser plugins

Michael Cowley - design work and implementaion of map tools

Ted Tronson - design work, implemented provider

Hugo Parra - design work

3. Does Novell plan to use this invention in a product, pursue the invention in a standards body, or publish an article about it? Identify the product, standards organization, or publication. If you don't know, just say what you think Novell should do with it.

Yes, this invention will be used as part of iPrint product. (This product was demonstrated at brain share this year)

4. What is the purpose of your invention? What problem were you trying to solve when you developed this invention? Specify the pieces of your invention that are original and new (thus, patentable). How does your invention work? Diagrams and flowcharts go along way toward helping us quickly understand your invention, so be sure to include some.

(It may make more sence to break this into more than one patent, but to save time I am submitting all the related ideas together)

DOCKETED

DATE

We have written a browser based printer installation mechanism. An HTML instruction is passed that invokes an activeX piece or a netscape plugin. The browser plugin communicates via a print provider using Internet Printing Protocol (ipp) over http to a servers http stack. The ippsrvr.nlm registers as a cgi process and interprets the ipp commands received from the browser client. The ippsrvr will then facilitate driver download from the NDPS architecture and the client will install the printer.

This installation/access mechanism can be invoked by putting icons on a map and using the onclick() event to install and or access printers as they are selected from the map.

We have written a tool that will assist in the creation of these maps.

5. If you are aware of others in the industry who have attempted to solve this problem before, describe why your solution is better than theirs (don't be modest!).

To my knowledge there is no web based printer installation nor map based printer installation mechanism.

From: <nobody@novell.com>  
To: <plindsay@novell.com>  
Date: [REDACTED] 10:50AM  
Subject: IDRform

**EXHIBIT B**  
**Page 1 of 1**

[REDACTED]  
NAME= Bart Dahneke  
EMAIL= bdahneke@novell.com  
INVENTIONNAME= map based/browser based printer installation  
CONTRIBUTE\_MANAGER= Bart Dahneke - design work, implemented browser plugins  
Michael Cowley - design work and implemental on of map tools  
Ted Tronson - design work, implemented provider  
Hugo Parra - design work  
[REDACTED]  
[REDACTED]  
[REDACTED]

NOVELLSPLANS= Yes, this invention will be used as part of IPrint product. (This product was demonstrated at brain share this year)

PURPOSE= (It may make more sence to break this into more than one patent, but to save time I am submitting all the related ideas together)

We have written a browser based printer installation mechanism. An HTML instruction is passed that invocs an activex piece or a netscape plugin. The browser plugin communicates via a print provider using Internet Printing Protocol (ipp) over http to a servers http stack. The lppsvr.nlm registers as a cgi process and interprets the ipp commands received from the browser client. The lppsvr will then facilitate driver download from the NDPS archetecture and the client will install the printer.

This installation/access mechanism can be invoked by putting icons on a map and using the onclick() event to install and or access printers as they are selected from the map.

We have written a tool that will assist in the creation of these maps.

BETTERSOLUTION= none. To my knowledge ther is no web based printer installation nor map based printer installation mechanism.

FormsButton1= Submil



pvcsllog  
PVCS Version Manager (vlog) v6.5.00 (Build 536) for Windows NT/80x86  
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Archive: V:\src\ipp\nipplib.dll\src\vcs\ippmain.c\_v  
Workfile: TPPMATN.C  
Archive created: [REDACTED] 16:36:00  
Owner: ttronson  
Last trunk rev: 1.98  
Locks: ttronson : 1.92.1.1.1.11.1.108.1.59  
Groups:  
Rev count: 292  
Attributes:

EXHIBIT C  
Page 1 of 1

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Rev 1.29  
Checked in: [REDACTED] 17:00:44  
Last modified: [REDACTED] 16:58:06  
Author id: ttronson lines deleted/added/moved: 0/1/0  
added prtref designator for volatile-date-time  
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Page 26

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Rev 1.18  
Checked in: [REDACTED] 09:40:42  
Last modified: [REDACTED] 09:30:56  
Author id: ttronson lines deleted/added/moved: 23/231/0  
listInstalledprinters, removeprinter  
-----  
Rev 1.17  
Checked in: [REDACTED] 09:56:26  
Last modified: [REDACTED] 09:21:40  
Author id: ttronson lines deleted/added/moved: 67/155/0  
plugin features - volatile,ws/user,listjobs,holdjobs  
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Page 27

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